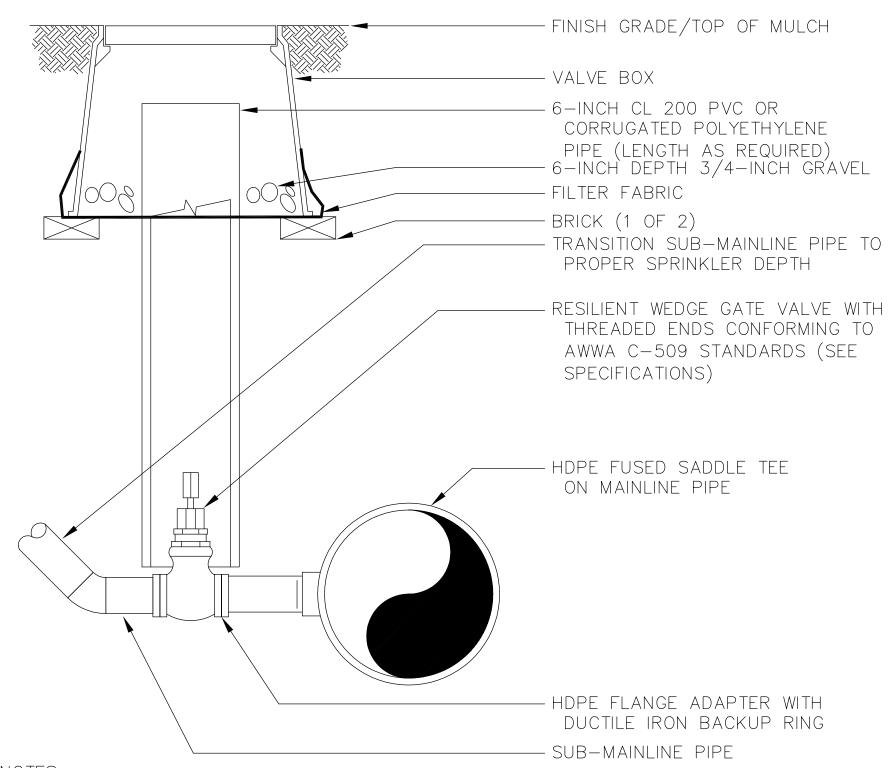


1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.

- 2. ANCHOR ISOLATION VALVE TO CONCRETE BY BENDING REBAR OVER EACH END OF VALVE AND EXTENDING A MINIMUM OF 6-INCHES INTO CONCRETE SUPPORT BLOCK.
- 3. WRAP VALVE ENDS AND BODY IN 3 MIL. PLASTIC PRIOR TO POURING CONCRETE. 4. CONCRETE SUPPORT BLOCK IS TO BE POURED UNDER ISOLATION GATE VALVE. ONLY THE BOTTOM OF THE ISOLATION GATE VALVE TO BE IN CONTACT WITH
- CONCRETE. 5. INSTALL FILTER FABRIC AROUND EXTERIOR OF VALVE BOX. USE DUCT
- TAPE TO SECURE FABRIC TO PIPE AND VALVE BOX. 6. LABEL VALVE BOX COVER PER SPECIFICATIONS.

ISOLATION GATE VALVE

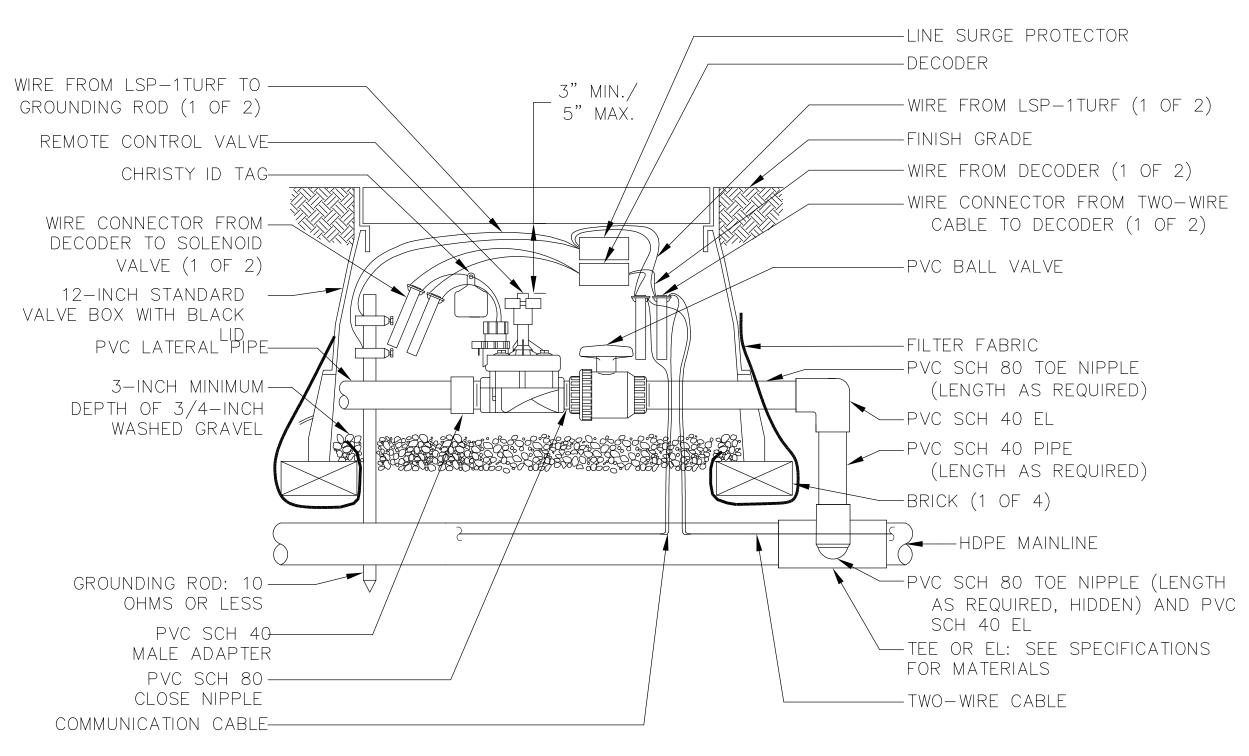
**ASSEMBLY** 



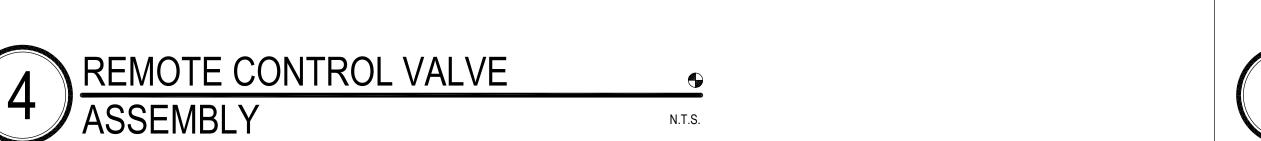
1. NOMINAL SIZE OF GATE VALVE IS TO MATCH NOMINAL SIZE OF SPRINKLER LATERAL.

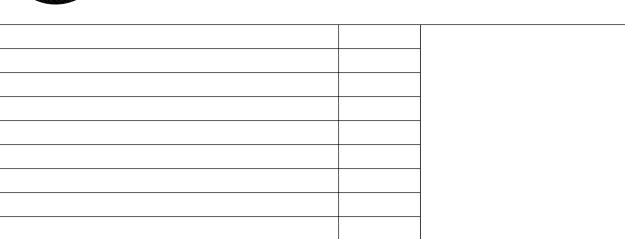






- 1. USE VALVE BOX EXTENSION AS NECESSARY TO ACHIEVE MINIMUM DIMENSIONS ABOVE ASSEMBLY. 2. NOMINAL SIZE OF ALL COMPONENTS ARE TO BE THE SAME NOMINAL SIZE AS THE SOLENOID VALVE (SIZED
- 3. INSTALL FILTER FABRIC AROUND EXTERIOR OF VALVE BOX. USE DUCT TAPE TO SECURE FABRIC TO PIPE AND VALVE BOX.
- 4. TRANSITION TO PROPER LATERAL PIPE BURIAL DEPTH USING 45° ELBOW FITTINGS DOWNSTREAM OF REMOTE CONTROL VALVE ASSEMBLY.
- 5. DO NOT CUT OUT ENDS OF VALVE BOX UNNECESSARILY.
- 6. POSITION VALVE BOX OVER VALVE TO ALLOW ACCESS TO SOLENOID AND PROPER OPERATION OF BALL VALVE.
- 7. COIL 3-FEET OF WIRE FOR EACH DECODER FOR SERVICE PURPOSES. 8. BRAND VALVE BOX LID PER SPECIFICATIONS.

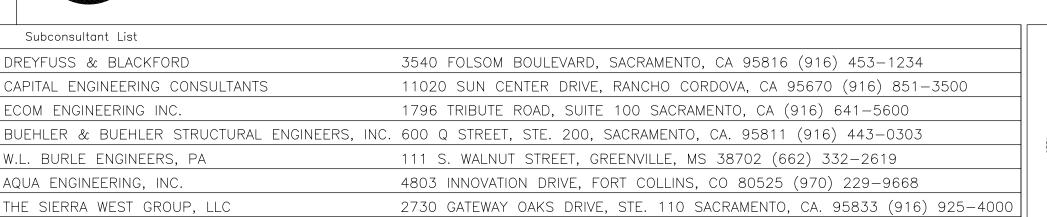




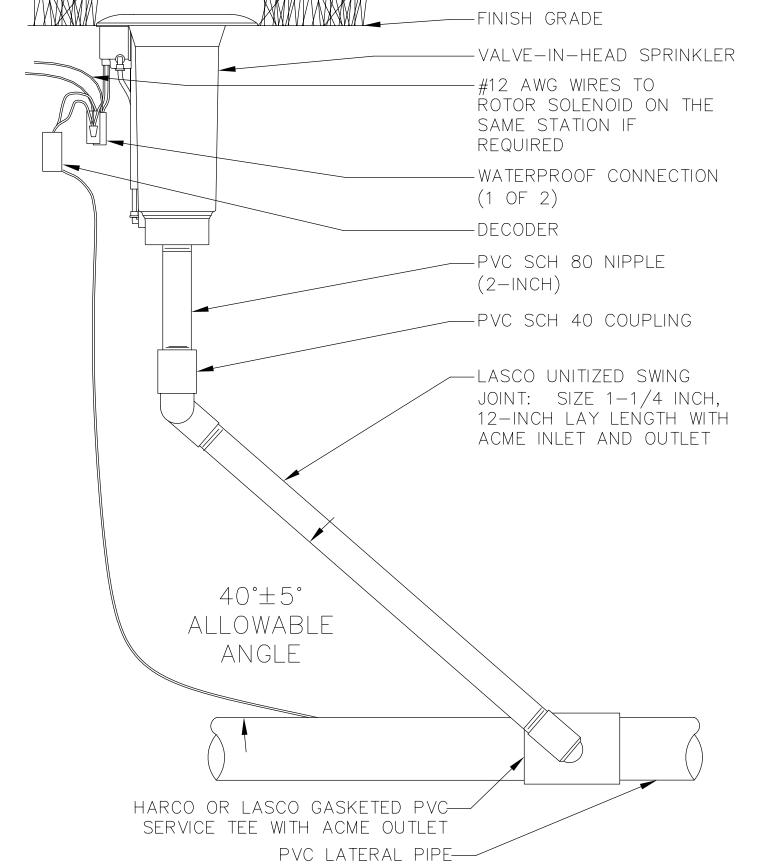


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VALVE-IN-HEAD ROTOR SPRINKLER



NOTE: 1. INSTALL SWING JOINT LAY ARM BETWEEN 30° AND 45° OF LATERAL PIPE IN ORDER TO ABSORB DOWNWARD IMPACT. IF SWING JOINT CAN NOT BE INSTALLED AT SPECIFIED ANGLE, CONSULT ENGINEER PRIOR TO INSTALLATION OF SWING JOINT.

## CONSTRUCTION DOCUMENTS

Dwg. 63 Of 137

ZACHARY, LOUISIANA

CONSTRUCTION DOCUMENTS

- FINISH GRADE/TOP OF MULCH

- VALVE BOX WITH BLACK COVER

- HARCO QUICK COUPLER ANCHOR

- GRAVEL TO TOP OF ANCHOR

- FILTER FABRIC

– BRICK (1 OF 2)

(2-INCH)

PVC SCH 80 NIPPLE

MIPT x MIPT

- HDPE MAINLINE PIPE

— PVC SCH 40 COUPLING

18-INCH LAY LENGTH

1-INCH PRE-FABRICATED SWING JOINT

- TEE OR EL-SEE SPECIFICATIONS FOR MATERIALS

- QUICK—COUPLING VALVE

		OON	011100		COMILIATO
	PHASE 1B IRRIGATION DETAILS	Project Title  LOUISIANA NATIONAL CEMETERY  GRAVESITE EXPANSION PHASE 1B			Date: MARCH 22, 2012
					Project No. 870CM3023E
	Approved: Director, Office of Construction Management	Building Number	Checked JDL	Drawn CAM	DRAWING NO.
	Approved: Director, Project Management Service	Location LOUISIANA NATIONAL CEMETERY			1-5

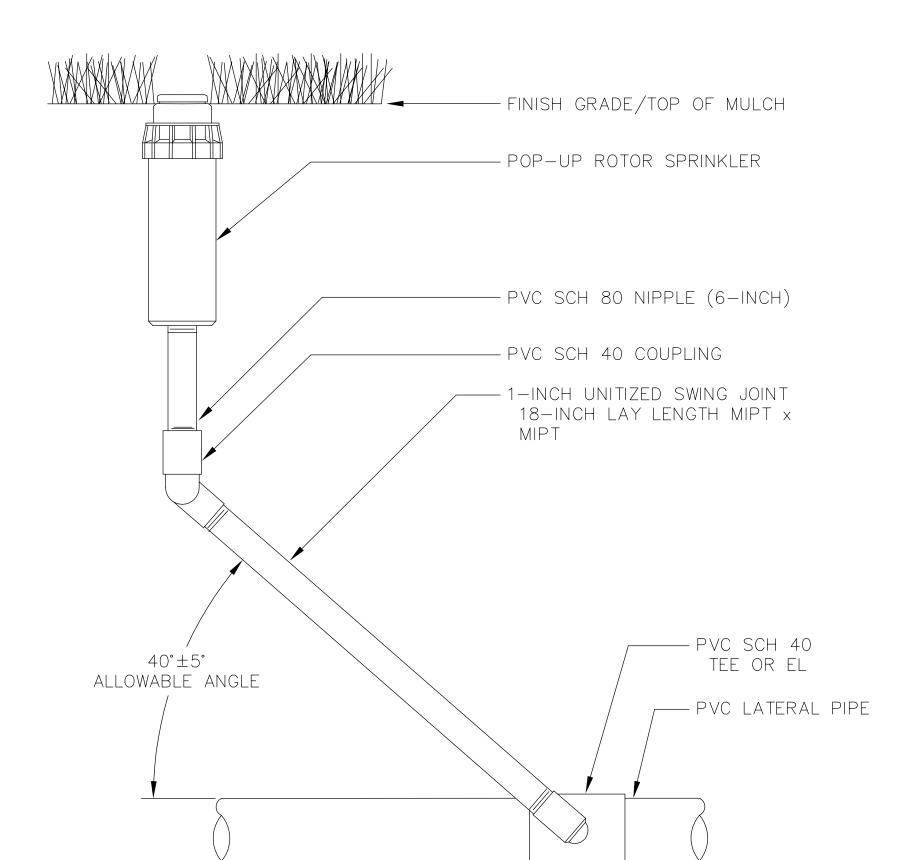
QUICK COUPLING VALVE ASSEMBLY

2. BRAND LID PER SPECIFICATIONS.

1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO

NOMINAL QUICK COUPLING VALVE INLET SIZE.

ALLOWABLE ANGLE



1. INSTALL SWING JOINT LAY ARM BETWEEN 30° AND 45° OF LATERAL PIPE IN ORDER TO ABSORB DOWNWARD IMPACT. IF SWING JOINT CAN NOT BE INSTALLED AT SPECIFIED ANGLE, CONSULT RESIDENT ENGINEER PRIOR TO INSTALLATION OF SWING JOINT.

POP-UP ROTOR SPRINKLER
ASSEMBLY N.T.S.

